

563d AAF Base Unit  
(2ND OPERATIONAL TRAINING UNIT)  
FERRYING DIVISION - AIR TRANSPORT COMMAND  
Homestead Army Air Field  
Homestead, Florida  
OFFICE OF THE DIRECTOR OF TECHNICAL TRAINING

PILOT COURSE

CLASS: 111-M SECTION: 12  
From: 7-17-41 To: 7-31-41

NAME GARDNER, JACK H.

RANK 1/LT.

SERIAL NO. 0-520497

Assigned: Par.# 9 S.O.# 91

Shipped: Par.#        S.O.#       

| NAVIGATION - DEAD RECKONING    | Hrs | Gr. |
|--------------------------------|-----|-----|
| Computer Slide Rule            | 2   | A   |
| Variation - Deviation - Drift  | 2.5 | A   |
| Computer - Vector Problems     | 4   | A   |
| Flight Plan                    | 1.5 | *   |
| Computer Review                | 1.5 | B   |
| Maps & Plotting                | 1.5 | B   |
| Radio Bearings                 | 2   | A   |
| Dry Swim #1                    | 1.5 | *   |
| ATC Flight Log & Procedure     | 1.5 | D   |
| Dry Swim #2                    | 1.5 | *   |
| Final Review                   | 2   | B-  |
| Total Hours 21.5 Final Grade B |     |     |

| RADIO C-54 & C-87               | Hrs | Gr. |
|---------------------------------|-----|-----|
| Introduction-Mikes & Headphones | 1.5 | C   |
| Command Transmitter             | 3   | B   |
| Command Receiver                | 1.5 | C   |
| Liaison Transmitter             | 1.5 | C   |
| Liaison Receiver                | 1.5 | D   |
| Frequency Meter                 | 3   | B   |
| Radio Compass                   | 1.5 | B   |
| Direction Finding               | 1.5 | D   |
| Emerg Equip & Procedure, & IFF  | 2   | C   |
| Blind Landing Instruction       | 1   | *   |
| Laboratory Review               | 1.5 | B+  |
| Total Hours 22.5 Final Grade B  |     |     |

| ENGINEERING                  | Hrs | Gr. |
|------------------------------|-----|-----|
| Emergency System C-54        | 3   | B-  |
| Fuel and Oil System "        | 3   | B-  |
| Hydraulic System "           | 3   | A   |
| Preflight Inspection "       | 1   | B+  |
| Miscellaneous Systems "      | 2   | D   |
| Emergency System C-87        | 3   | A   |
| Fuel and Oil System "        | 3   | B+  |
| Hydraulic System "           | 3   | D   |
| Preflight Inspection "       | 1   | B-  |
| Miscellaneous Systems "      | 2   | B+  |
| Propeller, Hamilton Standard | 3   | A   |
| Review                       | 2   | B   |
| Total Hours 29 Final Grade B |     |     |

| WEIGHT & BALANCE C-54 & C-87 | Hrs | Gr. |
|------------------------------|-----|-----|
| Principles                   | 3   | B   |
| Handbook                     | 3   | D   |
| Load Adjuster                | 3   | B   |
| Review                       | 2   | C   |
| Total Hours 11 Final Grade C |     |     |

| CRUISE CONTROL C-54 & C-87      | Hrs | Gr. |
|---------------------------------|-----|-----|
| Basic Principles                | 3   | B-  |
| Long Range Cruising Charts C-54 | 4   | B+  |
| Long Range Cruising Charts C-87 | 2   | *   |
| Review                          | 1   | B   |
| Total Hours 10 Final Grade B    |     |     |

| METEOROLOGY                    | Hrs | Gr. |
|--------------------------------|-----|-----|
| Clouds                         | 1.5 | B   |
| Icing                          | 1.5 | B   |
| Altimetry                      | 1.5 | D   |
| Air Masses                     | 1.5 | B   |
| Fogs                           | 1.5 | B   |
| Thunderstorms                  | 1.5 | B   |
| Weather Reporting Forms        | 1.5 | B   |
| Weather Maps                   | 3   | B-  |
| Instrument Weather             | 1.5 | B   |
| Tropical Weather               | 1.5 | *   |
| Review                         | 2   | B   |
| Total Hours 18.5 Final Grade B |     |     |

( O V E R )

| NAVITRAINER                                   | Hours | Grade          |
|---|-------|----------------|
| Straight Course (Constant Wind)               | 2:00  | B+             |
| Dogleg Course (Constant Wind)                 |       |                |
| Right Angle Course (Wind Shift)               |       |                |
| Triangle Course (Wind Shift)                  |       |                |
| Flight (Wind Shifts - Radio Bearings - Fixes) |       |                |
| Total Hours                                   | 2:00  | Final Grade B+ |

| INSTRUMENT FLYING TRAINER                    | Hours | Grade         |
|--|-------|---------------|
| Primary                                      | 0:30  | B             |
| Unknown Beam                                 | 0:30  | B+            |
| Known Beam                                   | 0:45  | B+            |
| Fade, 90°                                    | 0:45  | C             |
| Fade, 90° (Rough Air)                        | 1:00  | B+            |
| Fade, 90° (60 MPH Wind)                      | 1:00  | A             |
| Cross Country                                | 2:00  | B             |
| Subtotal: Hours 6:30                         | xxxxx | xxxxx         |
| Grade B+                                     |       |               |
| QDM  | 2:00  | B             |
| Radio Compass                                | 2:00  | B             |
| Radio Compass To and Away from Station       | 2:00  | C-            |
| Radio Compass - Homing - Complete - Let-Down | 1:00  | B+            |
| Subtotal: Hours 7:00                         | xxxxx | xxxxx         |
| Grade B                                      |       |               |
| Loop Orientation                             | 1:00  | B             |
| Loop - Homing                                | 2:00  | D             |
| Loop - Boxing Station                        | 2:00  | D             |
| Loop - Complete Let-Down                     | 4:00  | B             |
| Subtotal: Hours 9:00                         | xxxxx | xxxxx         |
| Grade C-                                     |       |               |
| Check Flight                                 | 2:00  | B             |
| Total Hours                                  | 24:30 | Final Grade B |

REMARKS: \_\_\_\_\_

GRADES:

A - Above Average

B - Average

C - Below Average

D - Failed

CERTIFIED: YES

DATE: 8-1-44

*Frederick H. Postal*

FREDERICK H. POSTAL  
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Training